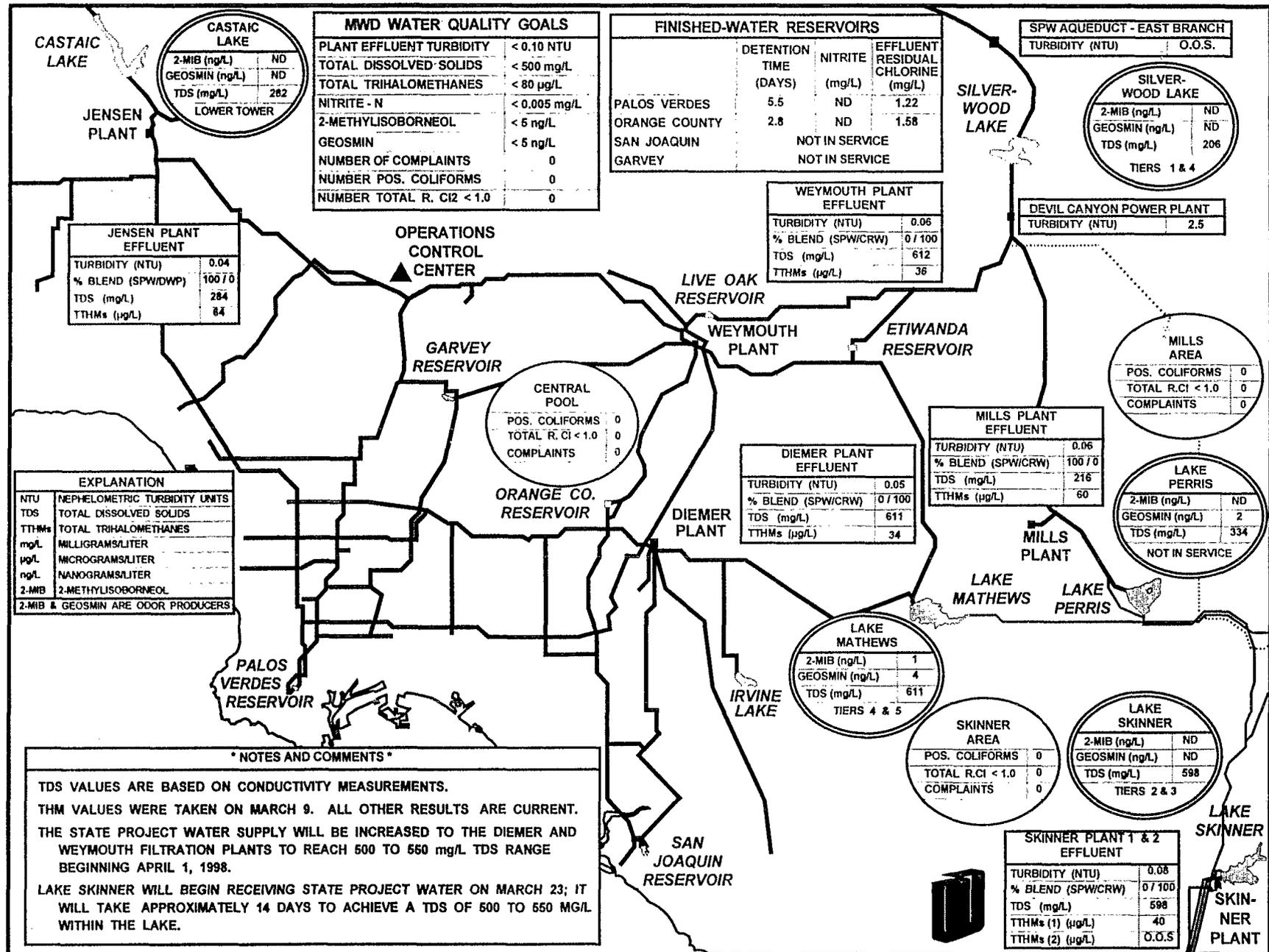


# THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

## WEEKLY WATER QUALITY SYSTEM STATUS -- 03/18/98

MP031898.XLS



MWD WATER QUALITY GOALS	
PLANT EFFLUENT TURBIDITY	< 0.10 NTU
TOTAL DISSOLVED SOLIDS	< 500 mg/L
TOTAL TRIHALOMETHANES	< 80 µg/L
NITRITE - N	< 0.005 mg/L
2-METHYLISOBORNEOL	< 5 ng/L
GEOSMIN	< 5 ng/L
NUMBER OF COMPLAINTS	0
NUMBER POS. COLIFORMS	0
NUMBER TOTAL R. CI2 < 1.0	0

FINISHED-WATER RESERVOIRS		
DETECTION TIME (DAYS)	NITRITE (mg/L)	EFFLUENT RESIDUAL CHLORINE (mg/L)
PALOS VERDES	5.5	ND
ORANGE COUNTY	2.8	ND
SAN JOAQUIN	NOT IN SERVICE	
GARVEY	NOT IN SERVICE	

SPW AQUEDUCT - EAST BRANCH	TURBIDITY (NTU)	O.O.S.
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SILVERWOOD LAKE	
2-MIB (ng/L)	ND
GEOSMIN (ng/L)	ND
TDS (mg/L)	206
TIERS 1 & 4	

DEVIL CANYON POWER PLANT	TURBIDITY (NTU)	2.5
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WEYMOUTH PLANT EFFLUENT	
TURBIDITY (NTU)	0.06
% BLEND (SPW/CRW)	0 / 100
TDS (mg/L)	612
TTHMs (µg/L)	36

JENSEN PLANT EFFLUENT	
TURBIDITY (NTU)	0.04
% BLEND (SPW/DWP)	100 / 0
TDS (mg/L)	284
TTHMs (µg/L)	84

OPERATIONS CONTROL CENTER

GARVEY RESERVOIR

LIVE OAK RESERVOIR

WEYMOUTH PLANT

ETIWANDA RESERVOIR

CENTRAL POOL	
POS. COLIFORMS	0
TOTAL R. CI < 1.0	0
COMPLAINTS	0

MILLS AREA	
POS. COLIFORMS	0
TOTAL R. CI < 1.0	0
COMPLAINTS	0

EXPLANATION	
NTU	NEPHELOMETRIC TURBIDITY UNITS
TDS	TOTAL DISSOLVED SOLIDS
TTHMs	TOTAL TRIHALOMETHANES
mg/L	MILLIGRAMS/LITER
µg/L	MICROGRAMS/LITER
ng/L	NANOGRAMS/LITER
2-MIB	2-METHYLISOBORNEOL
2-MIB & GEOSMIN ARE ODOR PRODUCERS	

DIEMER PLANT EFFLUENT	
TURBIDITY (NTU)	0.05
% BLEND (SPW/CRW)	0 / 100
TDS (mg/L)	611
TTHMs (µg/L)	34

MILLS PLANT EFFLUENT	
TURBIDITY (NTU)	0.06
% BLEND (SPW/CRW)	100 / 0
TDS (mg/L)	216
TTHMs (µg/L)	60

LAKE PERRIS	
2-MIB (ng/L)	ND
GEOSMIN (ng/L)	2
TDS (mg/L)	334
NOT IN SERVICE	

ORANGE CO. RESERVOIR

DIEMER PLANT

MILLS PLANT

LAKE MATHEWS

LAKE PERRIS

LAKE MATHEWS	
2-MIB (ng/L)	1
GEOSMIN (ng/L)	4
TDS (mg/L)	611
TIERS 4 & 5	

SKINNER AREA	
POS. COLIFORMS	0
TOTAL R. CI < 1.0	0
COMPLAINTS	0

LAKE SKINNER	
2-MIB (ng/L)	ND
GEOSMIN (ng/L)	ND
TDS (mg/L)	598
TIERS 2 & 3	

PALOS VERDES RESERVOIR

IRVINE LAKE

SAN JOAQUIN RESERVOIR

LAKE SKINNER

SKINNER PLANT 1 & 2 EFFLUENT	
TURBIDITY (NTU)	0.08
% BLEND (SPW/CRW)	0 / 100
TDS (mg/L)	598
TTHMs (1) (µg/L)	40
TTHMs (2) (µg/L)	O.O.S.

SKINNER PLANT

**\* NOTES AND COMMENTS \***

TDS VALUES ARE BASED ON CONDUCTIVITY MEASUREMENTS.

THM VALUES WERE TAKEN ON MARCH 9. ALL OTHER RESULTS ARE CURRENT.

THE STATE PROJECT WATER SUPPLY WILL BE INCREASED TO THE DIEMER AND WEYMOUTH FILTRATION PLANTS TO REACH 500 TO 550 mg/L TDS RANGE BEGINNING APRIL 1, 1998.

LAKE SKINNER WILL BEGIN RECEIVING STATE PROJECT WATER ON MARCH 23; IT WILL TAKE APPROXIMATELY 14 DAYS TO ACHIEVE A TDS OF 500 TO 550 MG/L WITHIN THE LAKE.

NOTES: MWD WATER QUALITY "GOALS" MEET OR EXCEED ALL STATE AND FEDERAL REGULATIONS. NO VIOLATIONS OF STATE OR FEDERAL REGULATIONS WERE RECORDED DURING THE CURRENT PERIOD.

WATER QUALITY INFORMATION LINE: (800) 354-4420  
VISIT MWD ON THE WEB AT <http://www.mwd.dst.ca.us>

SFUND RECORDS CTR  
46176